



**THE US AIR FORCE MISHAP PREVENTION
PROGRAM**

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This ANG Supplement to AFI 91-202, The US Air Force Mishap Prevention Program implements AFD 91-2, *Safety Programs*. It establishes mishap prevention program requirements, assigns responsibilities for program elements, and contains program management information. It applies to all Air National Guard Personnel. This supplement is necessary to align the existing ANG supplement with the new AFI 91-202.

1.1. (Added at the end of sentence) ANG CRTIC and Air Defense Sectors are considered wings for purpose of this AFI and supplement.

1.6.8.1. (Added) The ANG units safety programs will be evaluated through the ESOHCAMP assessment.

1.6.13.7. (Added) Commanders will Appoint a Unit Safety Representative (USR) and ensure that the member is trained IAW AFI 91-202, chapter 6.

1.6.14.13. (Added) The Shop Supervisor will maintain a copy of all regulations applicable to their shop (print or electronic version).

2.1. (Added) The manning requirement for a full time safety staff at a flying wing, consisting of one flying squadron, will be comprised of a Chief of Safety, a Flight Safety NCO (FSNCO), and two Ground Safety personnel (a Ground Safety Manager and a Ground Safety Technician) . The Chief of Safety will be a rated position and is the wing Flight Safety Officer (FSO) qualified in the primary Mission Design Series (MDS) assigned to the wing. Wings having two or more flying squadrons will have an additional FSO with at least one FSO per MDS. The Ground Safety personnel (1SOXX) will be dual qualified in Weapons Safety. Fighter wings and wings authorized centralized storage of WRM will have a Weapons Safety Manager (2WXXX) in lieu of a Ground Safety Technician.

2.1.1. (Added) ANG Chiefs of Safety can complete the ANG Safety Program Management (SPM) course in lieu of the Chief of Safety Course (WCIP05B).

- 2.1.2. (Added) ANG FSO's that are unable to attend the FSO course (WCIP05C) should, as a minimum, attend the Aircraft Mishap Investigation course (WCIP05A) for investigation training. ANG FSO's may also attend the ANG SPM course for program management training.
- 2.1.4.1. (Added) Traditional ANG Weapons Safety Personnel - must attend the ANG Explosive Safety Orientation (ESO) and Explosive Safety Advanced (ESA) courses. Attendance at the Air Education and Training (AETC) Weapons Safety Course is strongly encouraged, but optional.
- 2.1.4.2. (Added) In the absence of the WSM authorization, GSM's must function in the capacity as the WSM. To qualify for this position the GSM must attend both the ANG Explosive Safety Orientation (ESO) and Explosive Safety Advanced (ESA) courses.
- 2.1.7. (Change last sentence to read) FSNCOs may also attend the Aircraft Mishap Investigation course (WCIP05A) and ANG SPM course on a space available basis, with prior approval from ANG/SEF.
- 2.4.2. (Added) ANG safety offices are authorized to use any current allowance standards (AS) to order equipment in support of mission requirements.
- 2.4.2.2. (Change paragraph to read) TA 009, Small Computer Systems. As a minimum, each full-time safety staff office will have: a Pentium (or equivalent) notebook computer with CD RW drive, hardware enabling connection to the internet, Microsoft Office suite, and Microsoft Internet Explorer. Internet access is required for all safety investigating, reporting, and trending.
- 2.4.3. (Added) All ANG units will maintain a mishap investigation kit with appropriate items to at least provide initial response safety duties. Suggested kit contents listed in AFPAM 91-211, Attachment 2.
- 3.1. (Change second inspection requirement to read) High interest areas will be designated in writing by the Chief of Safety (with assistance of the Ground Safety Manager) and spot inspected quarterly.
- 3.1.2. (Change second sentence to read) The Ground Safety Manager, in coordination with the Chief of Safety, will determine..."
- 3.1.3.3. (Added) GSU's with an assigned Ground Safety 1S0X1, Traditional Guard member qualified as a five (5) level competency or above will perform the required annual inspections and assessments.
- 3.2. (Added) This evaluation will be accomplished and documented through the ESOHCAMP assessment using contracted assessors.
- 3.2.1. (Added) ANG wing-level evaluations will be accomplished through the ESOHCAMP assessment.
- 3.4. (Added) For ANG units that want an Air National Guard conducted SAV submit a written or e-mail request to ANG/SE, including purpose of additional SAV and recommended dates. . In most cases, ANG/SE will designate a suitably qualified safety manager from another field unit to conduct the SAV.
- 3.6. (Added) ANG unit safety office will establish written documentation requirements.
- 3.7.1. (Added) ANG units will comply with listed minimum documentation requirements.
- 4.3.7. (Change to read) All hazards with an assigned RAC 1, 2, or 3 that require two scheduled UTA weekends or 30 calendar days, whichever is longer, to correct from the date it is identified will be entered into the installation formal hazard abatement program using AF Form 3, Hazard Abatement Plan. Forward one copy of AF Form 3 to ANG/SE not later than 1 September of each year. AF Forms 3 may be submitted sooner if ANG assistance is needed to correct the hazard. HRs that generates an AF Form 3 may be closed, and corrective action monitored through, the hazard abatement program. See AFI 91-301 for further action required for AF Form 3 processing.

5.3.4. (Added) **Unit Flying Safety Read File.** Chiefs of Safety will maintain a Flying Safety Read File to be reviewed by flight crew members periodically as designated by the commander. ANG wings with multiple aircraft types may elect to have separate read files specific to an individual flying squadron's aircraft. The Read File may be maintained in hard-copy and/or electronic format, and may be combined with Aircrew/Pilot Read Files or other aircrew information programs. Chiefs of Safety will select relevant mishap summaries, lessons-learned, cross-tell, or other information deemed relevant to mishap prevention in the unit's aircraft or mission. The contents of the read file will be sanitized of privileged information unless the file is maintained in an area (or electronic medium) where privilege can be protected. Maintain read file items as long as the Chief of Safety determines they are relevant.

6.2.1. (Added) ANG GSUs having an authorized 1S0X1 position filled by a traditional Guardsman must appoint an USR who is a full-time employee. USR should attend the ANG GSO Course or be trained by the supporting GSM.

6.2.2. (Added) Tenants and all other units below wing level will appoint an USRs. These individuals are encouraged to attend the GSO Course when possible. If GSO Course attendance is not feasible, ADSR training will be provided by the supporting GSM.

6.3.1.2. (Change to read) **Air National Guard Safety Program Management (ANG)** (not in USAF formal training catalogue). Provides safety program management techniques and an overview of the safety investigation board process for ANG flight safety personnel.

6.3.2.5. (Added) **Ground Safety Orientation Course. (YTEC GSO)** The course provides ANG personnel assigned duties with responsibilities in ground safety, instruction in developing a safety program, assisting mishap investigation, and developing a mishap prevention program according to Air directives.

6.3.3.4. (Added) Explosive **Safety Orientation Seminar. (YTEC ESO)** This course provides ANG personnel assigned duties with responsibilities for explosive safety guidance in developing a site plan, mishap investigation, determining quantity distance, inspection criteria, explosive compatibility and application in accordance with Air Directives.

6.3.3.5. (Added) **Advanced Explosive Safety Orientation Seminar. (YTEC ESA)** This course provides ANG personnel assigned duties with responsibilities for explosive safety guidance in developing a site plan, mishap investigation, determining quantity distance, inspection criteria, explosive compatibility and application in accordance with Air Directives.

7.2.1. (Change to Read) The Chief of Safety is also the primary FSO at a single-flying-squadron ANG wing. Annual assessments of unit programs are required only at ANG wings with multiple flying squadrons where other FSOs are designated as the primary managers of that squadron's flying safety program.

7.3. (Change to read) If applicable, areas of monitoring include:

7.4. (Change to Read) If applicable, areas of review include:

7.4.1. (Change to read) Safety responsibilities required by AFI 10-2501, *Full Spectrum Threat Response (FSTR) Planning and Operations*.

7.6. (Change to Read) Interim Safety Board (ISB) Duties: The Chief of Safety will ensure unit members are identified and trained in Interim Safety Investigation Board duties. ISB composition and duties are identified in AFPAM 91-211, *USAF Guide to Aviation Safety Investigation*. Training, which may be accomplished through briefings or electronic media, will be documented and shall be conducted at least annually.

7.6.1. (Added) Safety Investigation Board (SIB): ANG units should identify potential SIB members on an annual basis. Units should strive to have at a minimum, a trained and qualified pilot member, maintenance officer, maintenance NCO, and life support member. ANG training quotas may not be sufficient to meet this recommendation but make every attempt to schedule potential SIB members through ANG/SEF.

7.6.2. (Added) Safety Investigation Board (SIB): ANG personnel selected to participate on a permanent SIB will receive a briefing on their SIB duties (identified in AFPAM 91-211) and reporting instructions from ANG/SEF prior to their departure. Unit level briefing guides are not required. Contact ANG/SE to provide resources to allow for ANG member's participation.

7.11.1.4.3. (Added) ANG units may tailor BHWG membership to meet local needs (joint use DoD or civilian field, tenant, etc.) but must still comply with AFI 91-202 requirements. If the meetings are accomplished in conjunction with another regularly-scheduled airfield meeting such as an Air Operations Board, minutes must document BHWG activity.

8.2.11. (Added) As a minimum GSUs should be provided the following by their supporting ANG flying unit through a letter of agreement:

8.2.11.1. (Added) Report and monitor all injuries and mishaps as required. Only the supporting wing will be able to make entries into the AF Safety Automated System (AFSAS).

8.2.11.2. (Added) Distribute any pertinent safety information received from ANG/SE to GSUs and State Headquarters (as applicable).

8.2.11.3. (Added) Upon request, assist the assigned 1S0X1 with facilities inspections. Perform annual inspections/program assessments for units without an assigned 1S0X1.

8.2.11.4. (Added) Upon request, provide task qualification training for traditional guardsmen (1S0X1).

8.2.11.5. (Added) Upon request, provide support and assistance for training in programs such as lockout/tag out, confined spaces, etc.

8.2.11.6. (Added) Ensure all assigned safety personnel are certified to conduct inspections/assessments.

8.2.11.7. (Added) Upon request, provide assistance in preparing and submitting requests for variance to AFOSH standards.

8.2.11.8. (Added) Assist in all elements of the hazard abatement program as required.

10.1.1. (Added) Each wing commander (or designee) will appoint (in writing) an additional duty weapons safety representative (ADWSR) in each section/shop who operate, handle, transport, maintain, load or dispose of missiles, explosives or nuclear weapons. The primary role for the ADWSR is to work with the wing safety office on items that affect the unit and keep the commander informed.

10.2.2. Not applicable to ANG.

10.2.3. (Add to paragraph) Traditional Guardsmen will be trained within one year of assuming the weapons safety position.

10.4.7. (Change to Read) Changes to waivers and exemptions may be submitted in memorandum format signed by the Installation Commander to ANG/SEW

10.4.10. (Change to Read) Participate in the following areas using risk management tools:

10.4.10.5. Not applicable to ANG.

10.4.11. (Add to paragraph) ANG units must document the annual review

10.5.4. (Added) Each unit will develop a weapons safety management/continuity book to ensure effectiveness of daily operations. The continuity binder will contain the following as a minimum: *(NOTE: if the below items are too large to be reasonably posted in the continuity binder, a page in the continuity binder referencing its actual location is sufficient.)*

10.5.4.1. CC Safety Policy

10.5.4.2. Listing of all ADWSR at and below wing level (Including appointment letters)

10.5.4.3. AF Form 2047's for all explosive licensed locations on the installation.

10.5.4.4. Explosive Safety Map.

10.5.4.5. Most recent DDESB explosive safety survey.

10.5.4.6. Explosive safety site plans for the installation.

10.5.4.7. Inspection schedule/log and letter identifying high interest areas

10.5.4.8. Weapons Spot & Annual Inspection Checklists

10.5.4.9. Copies of all lesson plans for ADWSR, Wing and below Wing Annual Explosive Safety training, and T.O. 11A-1-33 Training

10.5.4.10. A reference to the means used to document all explosive safety training for all Groups/Squadrons within the Wing. (e.g. CAMS/G081 Course Codes, AF Form 55's or locally developed spreadsheets)

10.6. (Add to paragraph) Missile safety program will be incorporated within respective areas of the explosives safety program.

10.7. Not applicable to ANG.

10.10.1. (Added) See paragraphs **6.3.3.4. (Added)** and **6.3.3.5. (Added)**

10.10.2. (Change to Read) The base or unit ground/weapons safety manager (GSM/WSM) assists shop supervisors in the preparation of the lesson plans for weapons safety training to include work center peculiarities. All personnel (supervisory and non-supervisory) who operate, handle, transport, maintain, load, or dispose of missiles, explosives, or nuclear weapons must receive initial weapons safety training before performing any of those tasks. Conduct recurring training a minimum of every 15 months thereafter. The shop supervisor will assign an individual to conduct weapons safety training. Lesson plans must be approved by GSM/WSM and any changes or additions made by the OPR after approval must be coordinated again with the base/unit safety office. The GSM/WSM will review each lesson plan prior to implementation and annually thereafter. The GSM/WSM will also develop a ADWSR training program. Orientation will be accomplished using the Introduction to Weapons Safety CD-ROM. This would satisfy the training requirements. **EXCEPTION:** People who store and/or handle only the following (any item on the list) are exempt from initial and refresher training:

10.10.2.1. (Added) Small arms ammunition, including cartridge-actuated tools in quantity-distance class/division 1.4

10.10.2.2. (Added) Other class/division 1.4 items in their packaged configuration only. Personnel who will unpack and handle unpacked items still require training

10.10.2.3. (Added) Document destroyers

10.10.2.4. (Added) Small tear gas items (such as grenades)

10.10.2.5. (Added) Aircraft and facility fire extinguisher cartridges

10.10.3. (Added) Weapons safety training for T.O. 11A-1-33, Handling and Maintenance of Explosives Loaded Aircraft, will be provided to all personnel who may be dispatched to work on explosives loaded aircraft. This training is required initially and annually thereafter. The training will include how to identify armed aircraft and familiarization of the hazards involved when working on or around explosives loaded aircraft.

10.10.4. (Added) Weapons Safety training for tenant units will be addressed through the host-tenant agreement.

10.10.5. (Added) Weapons safety training conducted during other formalized training such as Load Crew Training, Munitions Maintenance Training Program, etc., may satisfy requirements for training if lesson plans used have been approved by the WSM.

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